



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

INSPECTION REPORT

Partial: _____ Complete: XXX Exploration: _____
Inspection Date & Time: 11/20/2000 8 AM-12 PM
Date of Last Inspection: 11/20/2000

PKL
by
[Signature]

Mine Name: Trail Mountain Mine County: Emery Permit Number: [REDACTED]
Permittee and/or Operator's Name: PacifiCorp
Business Address: P.O. Box 310, Huntington, Utah 84528
Type of Mining Activity: Underground XXX Surface _____ Prep. Plant _____ Other _____
Company Official(s): Mr. Dennis Oakley, Environmental Engineer
State Official(s): Peter Hess, Rec Spec III Federal Official(s): None
Weather Conditions: Overcast/Snowing hard/windy and cold
Existing Acreage: Permitted 4178 Disturbed 10.7 Regraded _____ Seeded _____
Status: Active XXX

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

| | EVALUATED | N/A | COMMENTS | NOV/ENF |
|--|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. SIGNS AND MARKERS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. TOPSOIL | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. HYDROLOGIC BALANCE: | | | | |
| a. DIVERSIONS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. SEDIMENT PONDS AND IMPOUNDMENTS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. OTHER SEDIMENT CONTROL MEASURES | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. WATER MONITORING | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e. EFFLUENT LIMITATIONS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. EXPLOSIVES | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. NONCOAL WASTE | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10. SLIDES AND OTHER DAMAGE | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. CONTEMPORANEOUS RECLAMATION | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. BACKFILLING AND GRADING | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. REVEGETATION | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. SUBSIDENCE CONTROL | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 15. CESSATION OF OPERATIONS | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. ROADS: | | | | |
| a. CONSTRUCTION/MAINTENANCE/SURFACING | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. DRAINAGE CONTROLS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. OTHER TRANSPORTATION FACILITIES | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. SUPPORT FACILITIES/UTILITY INSTALLATIONS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19. AVS CHECK (4 th Quarter- April, May, June) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. AIR QUALITY PERMIT | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. BONDING & INSURANCE | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/015/009

DATE OF INSPECTION: 12/12&15/2000

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

Note: The Carbon/Emery area was receiving snow this morning; the mine site had received 4.5 inches just prior to the field inspection of the site.

It is anticipated at this time, that with the current rate of extraction, the Trail Mountain Mine will cease longwall coal production sometime around February 22, 2001. At that point, the removal of the longwall and other associated underground machinery will commence.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The third quarter impoundment inspection for the Trail Mountain mine site sediment pond was conducted on September 20, 2000 by Messrs. John Christensen and Rick Cullum. There were no signs of instability or structural weakness noted. A comment was made relative to some minor erosion at the inlet ditch. As noted in the November inspection report, the permittee has repaired the two erosion features which were noted in the October inspection.

The September 20, 2000 impoundment inspection report was P.E. certified by Mr. Christensen on October 4, 2000.

4D. HYDROLOGIC BALANCE: WATER MONITORING

The review of the second quarter of 2000 water monitoring data was conducted on December 12, 2000 while Mr. Jim Smith, Reclamation Hydrologist with the UDNR/OGM/SLO, was in attendance to review the second quarter information for the Cottonwood/Wilberg Mines.

The Trail Mountain Mine has the following water monitoring points.

- 1) Four stream monitoring locations: SW-1 (above the Mine), SW-2 (just below the 001A sediment pond discharge point), and SW-3 (below the Mine) are located along Cottonwood Creek. T-19 is located in Straight Canyon.
- 2) Seven spring monitoring locations. Sites T-6, T-8, T-9, T-10, T-14, T-15, and T-16 have a "no reporting necessary" requirement for the months of January through June, as confirmed in the mining and reclamation plan.
- 3) Site T-18 is the Oliphant Mine water discharge.
- 4) Two UPDES discharge outfalls: 001A is the Mine site sediment pond and 002A is the Mine water discharge point.
- 5) One ground water monitoring well (TM-1B).
- 6) UG-3 is an in-Mine monitoring point.

Stream monitoring locations are monitored for field and flow during the first two months of the quarter and for baseline during the final month. All parameters were analyzed; all parameters showed reportable quantities.

Discharge monitoring reports for the three months were reviewed. The sediment pond (001A) had no outfalls; point 002A (Mine water discharge) had no exceedances for the months of April/May/June. All water chemistry parameters required showed reportable quantities.

INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/015/009

DATE OF INSPECTION: 12/12&15/2000

TM-1B had water levels reported for all months of the reporting period. Analysis of parameters for the quarter was performed correctly.

In-Mine point UG-3 was sampled on June 16, 2000. All required parameters showed reportable quantities.

The third quarter water monitoring information for the Energy West mines was submitted to the UDNR/OGM/SLO on December 14, 2000. The permittee did not have this information compiled into the hard copy which is retained for inspection purposes this day. That information will be reviewed during the January 2001 partial inspection.

The permittee will submit the fourth quarter 2000 water monitoring information electronically during the first quarter of 2001.


9. PROTECTION OF FISH, WILDLIFE, AND RELATED ENVIRONMENTAL VALUES

The spill prevention control and countermeasure plan for the Trail Mountain site was last recertified on June 22, 1998 by Mr. John Christensen, P.E.

14. SUBSIDENCE CONTROL

The annual subsidence flyover survey for the Energy West mines was conducted by Aerographics on August 31, 2000. The collected data was analyzed by MapCon Aerial Consultants and is ready to be picked up by the permittee.

Inspector's Signature: _____


Peter Hess #46

Date: December 18, 2000

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

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cc: James Fulton, OSM
Chuck Semborski, PacifiCorp
Price Field office

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